AUG: 29 2006 BUT_A181-08US Sequence Listing (Amended).txt SEQUENCE LISTING

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JST_A181-08US Sequence Listing (Amended).txt
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Ser Ser Ser Asn Lys Leu His Glu Tyr Ile Ser Pro Asn Thr Thr
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                                                60
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                                       90
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                                  105
                                                       110
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                              120
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                                               140
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Gln Lys Asn Leu Ile His Glu Leu Glu Leu Arg Ala Glu Asp Pro His
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Tyr Gly Leu Val Asp Asn Gly Gly Asp Tyr Asp Ser
                                                   Val Leu Gly Tyr
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            180
                                                        190
Gln Ile Glu Gly Ser Arg Ala Tyr Ala Leu Arg Phe His Gln Asn His
195 200 205
His His Tyr Tyr Pro Asn His Gly Leu His Ala Pro Ser Ala Ser Asp
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                         215
                                               220
Ile Ile Thr Phe His Leu Leu Glu
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180

240

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130 135 140
Asp Asp Asn Ile Ile Ser Pro Glu Asp Val Thr Val His Glu Val Val
145 150 155 160
Ser Ile Ile Gly Glu Ala Ser Gln Asp Glu Gly Trp Val Val Cys Arg
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Ile Phe Lys Lys Lys Asn Leu His Lys Thr Leu Asn Ser Pro Val Gly
180 185 190
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JST_A181-08US Sequence Listing (Amended).txt
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Asn Leu Glu Ser Pro Asn Ser Gln Ala Ile Asn Asn Cys His Val Ser
Ser Pro Asp Thr Asn His Asn Ile His Val Ser Asn Val Val Asp Thr
260 265 270
Ser Phe Val Thr Ser Trp Ala Ala Leu Asp Arg Leu Val Ala Ser Gln
275 280 285
Leu Asn Gly Pro Thr Ser Tyr Ser Ile Thr Ala Val Asn Glu Ser His
290 295 300
Val Gly His Asp His Leu Ala Leu Pro Ser Val Arg Ser Pro Tyr Pro
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Ser Leu Asn Arg Ser Ala Ser Tyr His Ala Gly Leu Thr Gln Glu Tyr
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Arg Trp Ala Gln Ile Ala Lys His Leu Pro Gly Arg Thr Asp Asn Glu 100 105 110

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Asp Glu Ser Ser Arg Phe Met Ser Asn Ile Ile Thr Asn Thr Asn Pro 165 170 175

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Thr Pro Leu Met Phe Pro Thr Ser Arg Glu Gly Asp Phe Lys Phe Leu 195 200 205

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Gln Pro Ser Leu Ser Ser Cys Pro His Asp Asn Asn Leu Gln Trp Pro 245 250 255

Ala Leu Pro Asp Phe Pro Ala Ser Thr Ile Ser Gly Phe Gln Glu Thr 260 265 270

Leu Gln Asp Tyr Asp Asp Ala Asn Lys Leu Asn Val Phe Val Thr Pro 275 280 285

Phe Asn Asp Asn Ala Lys Lys Leu Leu Cys Gly Glu Val Leu Glu Gly 290 295 300

Lys Val Leu Ser Ser Ser Pro Ile Ser Gln Asp His Gly Leu Phe Page 33

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JST_A181-08US Sequence Listing (Amended).txt
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Phe Ser Ser Arg Gly Arg Leu Tyr Glu Tyr Ser Asn Asn Ser Val Lys 65 70 75 80
Gly Thr Ile Glu Arg Tyr Lys Lys Ala Ile Ser Asp Asn Ser Asn Thr
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145 150 155 160
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Leu His Asn Asp Asn Gln Ile Leu Arg Ala Lys Ile Ala Glu Asn Glu
180 185 190
Arg Asn Asn Pro Ser Ile Ser Leu Met Pro Gly Gly Ser Asn Tyr Glu
195 200 205
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<212> DNA
<213> Artificial Sequence
<220>
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      Synthesized Primer Sequence
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                                            Page 35
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| <210> <211> <212> <213> | 30 | |
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| <220> <223> | Description of Artificial Sequence:Artificially Synthesized Primer Sequence | |
| <400> gatcca | 143 agtaa gcttaattgg ttccggcgcc | 30 |
| <210> <211> <212> <213> | 23 | |
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| <400> tagaa | 144 ttcgc ggccgcactc gag | 23 |
| <210> <211> <212> <213> | 31 | |
| <220> <223> | Description of Artificial Sequence:Artificially Synthesized Primer Sequence | |
| <400> gagaat | 145 ttcgg gccagagctg cagctggatg g | 31 |
| <210> <211> <212> <213> | 82 | |
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| <400> ctagag cggggg | 146 ggatc cacaattacc aacaacaaca aacaacaaac aacattacaa ttacagatcc gtacc gtcgacgagc tc | 60 82 |
| <210> <211> <212> <213> | 73 | |
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| <400> 147 cgtcgacggt acccccggga tctgtaattg taatgttgtt tgttgt aattgtggat cct | ttgt tgttgttggt 60 73 |
|---|--------------------------|
| <210> 148 <211> 43 <212> DNA <213> Artificial Sequence | |
| <220> <223> Description of Artificial Sequence:Artificial Synthesized DNA Sequence | Лу |
| <400> 148 gggcttgatc tggatctaga actccgtttg ggtttcgctt aag | 43 |
| <210> 149 <211> 47 <212> DNA <213> Artificial Sequence | |
| <220> <223> Description of Artificial Sequence:Artificial Synthesized DNA Sequence | ЛІУ |
| <400> 149 tcgacttaag cgaaacccaa acggagttct agatccagat caagco | cc 47 |
| <210> 150 <211> 29 <212> DNA <213> Artificial Sequence | |
| <220> <223> Description of Artificial Sequence:Artificial Synthesized Primer Sequence | Пу |
| <400> 150 atgaccgcgt accaatcgga gctaggagg | 29 |
| <210> 151 <211> 30 <212> DNA <213> Artificial Sequence | |
| <220> <223> Description of Artificial Sequence:Artificial Synthesized Primer Sequence | Пу |
| <400> 151 cactaactgg agagcggttt ggtcttggcg | 30 |
| <210> 152 <211> 6 <212> PRT | |

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JST_A181-08US Sequence Listing (Amended).txt
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      Synthesized Primer Sequence
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                                                                      18
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caggcttagg ctaagatc
                                                                      18
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<223> Description of Artificial Sequence: Artificially
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                                                                      27
<210> 156
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<212> DNA
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<223> Description of Artificial Sequence: Artificially
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                                                                      23
<210> 157
<211> 30
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| | <pre>JST_A181-08US Sequence Listing (Amended).txt</pre> | |
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| <212> <213> | DNA Artificial Sequence | |
| <220> <223> | Description of Artificial Sequence:Artificially Synthesized Primer Sequence | |
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| <210> <211> <212> <213> | 30 | |
| | Description of Artificial Sequence:Artificially Synthesized Primer Sequence | |
| <400> agttat | 158 gacg tactgtccac aagagattgg | 30 |
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| <210> <211> <212> <213> | 28 | |
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| <210> <211> <212> <213> | 40 | |
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| <400> ctggat | 163 cetgg atctagaact cegtttgggt ttegettaag | 40 |
| <210> <211> <212> <213> | 40 . | |
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| <400> cttaag | 164 Jegaa acccaaacgg agttetagat ccagatecag | 40 |